1845

ENTERED

RAW SEQUENCE LISTING   DATE: 05/01/2001
PATENT APPLICATION: US/09/721,543A   TIME: 18:04:50

Input Set : A:\SEQLIST 02-16-01.TXT
Output Set: N:\CRF3\05012001\I721543A.raw

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 4 <110> APPLICANT: Liu, Fenyong
 5         Wang, Jun
 6         Jiang, Hong
 8 <120> TITLE OF INVENTION: Polynucleotide Ligands as Anti-Viral
 9         Agents
11 <130> FILE REFERENCE: BERK-005
13 <140> CURRENT APPLICATION NUMBER: 09/721,543A
14 <141> CURRENT FILING DATE: 2000-11-21
16 <150> PRIOR APPLICATION NUMBER: 60/167,509
17 <151> PRIOR FILING DATE: 1999-11-24
19 <160> NUMBER OF SEQ ID NOS: 52
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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24 <211> LENGTH: 40
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: randomized sequence
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35 <211> LENGTH: 40
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: randomized sequence
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46 <211> LENGTH: 40
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: randomized sequence
53 <400> SEQUENCE: 3
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56 <210> SEQ ID NO: 4
57 <211> LENGTH: 40
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: randomized sequence
64 <400> SEQUENCE: 4
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67 <210> SEQ ID NO: 5
68 <211> LENGTH: 40
69 <212> TYPE: DNA
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 72 <220> FEATURE:
 73 <223> OTHER INFORMATION: randomized sequence
 75 <400> SEQUENCE: 5
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 78 <210> SEQ ID NO: 6
 79 <211> LENGTH: 40
 80 <212> TYPE: DNA
 81 <213> ORGANISM: Artificial Sequence
 83 <220> FEATURE:
 84 <223> OTHER INFORMATION: randomized sequence
 86 <400> SEQUENCE: 6
 87 tcacagtcac cttacccctg ggtgtgctct tcccggtggg           40
 89 <210> SEQ ID NO: 7
 90 <211> LENGTH: 40
 91 <212> TYPE: DNA
 92 <213> ORGANISM: Artificial Sequence
 94 <220> FEATURE:
 95 <223> OTHER INFORMATION: randomized sequence
 97 <400> SEQUENCE: 7
 98 gcgaattaac acatcgggcc catcgtccga ggtgcgtggg           40
100 <210> SEQ ID NO: 8
101 <211> LENGTH: 40
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: randomized sequence
108 <400> SEQUENCE: 8
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111 <210> SEQ ID NO: 9
112 <211> LENGTH: 40
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: randomized sequence
119 <400> SEQUENCE: 9
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122 <210> SEQ ID NO: 10
123 <211> LENGTH: 40
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: randomized sequence
130 <400> SEQUENCE: 10
131 catctctcct caccatacct ccacttcctg ggctcgtggg           40
133 <210> SEQ ID NO: 11
134 <211> LENGTH: 40
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
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139 <223> OTHER INFORMATION: randomized sequence
141 <400> SEQUENCE: 11
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145 <211> LENGTH: 40
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
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152 <400> SEQUENCE: 12
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155 <210> SEQ ID NO: 13
156 <211> LENGTH: 40
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: randomized sequence
163 <400> SEQUENCE: 13
164 ctcgagccac cccataaccc tcaatactcc agggattggg                    40
166 <210> SEQ ID NO: 14
167 <211> LENGTH: 40
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: randomized sequence
174 <400> SEQUENCE: 14
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177 <210> SEQ ID NO: 15
178 <211> LENGTH: 40
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: randomized sequence
185 <400> SEQUENCE: 15
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189 <211> LENGTH: 37
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: randomized sequence
196 <400> SEQUENCE: 16
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199 <210> SEQ ID NO: 17
200 <211> LENGTH: 40
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
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208 gcacgactct cactcaaggg tcgatgcagg cgtctgtggg                    40
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213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
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221 <210> SEQ ID NO: 19
222 <211> LENGTH: 40
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: randomized sequence
229 <400> SEQUENCE: 19
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232 <210> SEQ ID NO: 20
233 <211> LENGTH: 40
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: randomized sequence
240 <400> SEQUENCE: 20
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243 <210> SEQ ID NO: 21
244 <211> LENGTH: 40
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: randomized sequence
251 <400> SEQUENCE: 21
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254 <210> SEQ ID NO: 22
255 <211> LENGTH: 40
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: randomized sequence
262 <400> SEQUENCE: 22
263 atgactgact acacatgccc cttagggatg tatcttaggg                    40
265 <210> SEQ ID NO: 23
266 <211> LENGTH: 40
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: randomized sequence
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Input Set : A:\SEQLIST 02-16-01.TXT
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273 <400> SEQUENCE: 23
274 aaccaacctc tctcaaaccc tcactatcgg gttgtatggg                    40
276 <210> SEQ ID NO: 24
277 <211> LENGTH: 40
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: randomized sequence
284 <400> SEQUENCE: 24
285 accagacgta tccacactca ttgggcttgg tctccgtggg                    40
287 <210> SEQ ID NO: 25
288 <211> LENGTH: 40
289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: randomized sequence
295 <400> SEQUENCE: 25
296 ctactccctc cctaaccctg ggtccgctat acatggtggg                    40
298 <210> SEQ ID NO: 26
299 <211> LENGTH: 40
300 <212> TYPE: DNA
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
304 <223> OTHER INFORMATION: randomized sequence
306 <400> SEQUENCE: 26
307 gccgaattca cacatcgggc ccatcgtcga ggtgcgtggg                    40
309 <210> SEQ ID NO: 27
310 <211> LENGTH: 40
311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: randomized sequence
317 <400> SEQUENCE: 27
318 acccctctgc ctcactccaa ttcagcgggc ggttcgtggg                    40
320 <210> SEQ ID NO: 28
321 <211> LENGTH: 40
322 <212> TYPE: DNA
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: randomized sequence
328 <400> SEQUENCE: 28
329 ggtcctacgg actttggcac gcaatcacta ggtgtttggg                    40
331 <210> SEQ ID NO: 29
332 <211> LENGTH: 86
333 <212> TYPE: DNA
334 <213> ORGANISM: Artificial Sequence
336 <220> FEATURE:
337 <221> NAME/KEY: misc_feature
338 <222> LOCATION: (1)...(86)
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VERIFICATION SUMMARY   DATE: 05/01/2001
PATENT APPLICATION: US/09/721,543A   TIME: 18:04:51

Input Set : A:\SEQLIST 02-16-01.TXT
Output Set: N:\CRF3\05012001\I721543A.raw

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L:344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:565 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
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